

How does "Cloud" computing help us with a mobile device?

What can one do with a mobile device?

Nancy L. Spoolman



# Agenda - September 27, 2011

I will skip some if there is not enough time.

- 1) Download Documentation
- 2) Slideshow - 3 - 5 minutes, if that
- 3) Briefly discuss three types of cloud storage - (Pg 10)
- 4) Educational Apps - **Dissect A Frog** - (Pg 13), **Intro To Letters** - (Pg 14), **McGraw-Hill Apps** - (Pg 14,)
- 5) Productivity Apps - **Documents To Go** - (Pg 14)
- 6) Free Apps - **Simple Note** - (Pg 15)
- 7) Creative Apps - **Doodle Buddy** - (Pg 16)
- 8) Challenging and Educational Apps - **Blokus HD** (Pg 17)
- 9) Remote Control your PC with **Desktop Connect** (Time to run Student Count and send to Dr. Scheer) - (Pg 20), **Parallel's** - (Pg 20)
- 10) Read an **iBook** and Demonstrate **Built-in Dictionary** - (Pg 24)
- 11) Speech recognition - **Dragon Dictation** (Pg 24)
- 12) Music - **Garageband / Piano** - (Pg 24)
- 13) Demonstrate **Calendar & Create Appointment** - (Pg 24)
- 14) Email - (Pg 24)
- 15) Surf the Internet - (Pg 24)
- 16) Download apps and play
- 17) Questions and Answers

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## DEDICATION

This book is for all those who wish to know more about the wonderful world of mobile devices and stay on the bleeding edge of technology.

Nancy L. Spoolman

# Forward

It was just over one year ago when I laid my hands on the first iPad. What was this beast? Could I ever learn to touch type on the screen? What exactly does it do? From pounding on a manual typewriter many years ago, to touch-typing on a screen, who would have ever imagined this in the “baby-boomer” years!

Ah.... what a beginning. It was a new field of exploring for me. There were some limitations, but this was soon overcome. Since that time in August 2010, the iPad has made leaps and bounds.

This “guide” will hopefully give you some insight of the features of the iPad 2 and iPad (First Generation).

One can only imagine what will be next... Enjoy!

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*Chapter 1*

# Cloud Syncing

## What is Cloud Syncing?

What does cloud sync actually mean and why would you use it? The cloud, of course, is the Internet and syncing some or all of your information to storage on the Internet that can be accessed from any device, which is what cloud syncing is all about. This means that you can have all your information kept safe, backed up, and accessible from your iPad, mobile phone, desktop, laptop or just through a web page. Best of all, everything is kept in sync no matter what device you use to access it.

### DropBox

One example of an iPad, iPhone, Android, etc. cloud app is Dropbox. With a Dropbox account you get 2 GB of Internet storage (free) and you can then buy more as you need it. (Prices range from \$9.99 - \$19.99 a month, and more for Teams/ Group accounts). Dropbox gives you a place to put your files, videos, photos, and music that you can then access from the official Dropbox app or through many popular apps such as Docs To Go. Dropbox is a drag and drop type of “cloud”, which uses one folder to sync everything in it. For more information see: [www.dropbox.com](http://www.dropbox.com).

### SugarSync

There are various kinds of cloud sources. Another one for the iPad is called SugarSync. And this does things that Dropbox simply cannot do as of September 2011.

You can use any web-enabled mobile device to access your files, including documents, photos and music. There is a SugarSync application for iPhone, iPad, iPod Touch, Android, BlackBerry, Windows Mobile, and Symbian which are all available for free download. Your data is instantly accessible and is optimized for mobile viewing, streaming, or editing. If one device has limited storage space, you can leave the documents on SugarSync and use from the “cloud”. (For more information on security, check out this link: <http://www.sugarsync.com/products/security.html>).

Prices for SugarSync are quite comparable. \$4.99 a month or if you purchase 1 year subscription it is \$49.99 for the year, 30 GB storage. Or, it's Free for 5 GB. There are limitations to the Free account. For more information go to: <http://www.sugarsync.com>. \*Tip: Sugarsync backs up folders, so watch how you set up your folders. I quickly found out all files within a sub-folder should be in a folder. You then have the option of unchecking folders within the subfolder you do not wish to backup.

## **iCloud**

iCloud is Apple's name for a number of Internet-based services for syncing files and data across iOS devices, Macs, and PCs. iCloud is coming in the Fall of 2011.

iCloud will offer some of the same features as their MobileMe, but not all, and it will add new features, as well. MobileMe will be going bye-bye June 30, 2012.

iCloud can sync your contacts, calendars, e-mail, and Safari bookmarks between iOS devices and computers. But it will also offer document storage, photo storage, and music-syncing features, along with backup features for iOS devices.

Apple says that iCloud will sync documents created with Apple's apps (Pages, Numbers, and Keynote, for example) as well as any third-party apps that are adapted to take advantage of iCloud, but there will be a transition period where some apps will sync with iCloud and others will not.

You can store 5 GB (Free). That covers Apple mail, documents, and backup. Purchased music (from iTunes store), apps, books, and Photo Stream photos, does not count against your 5 GB limit.

More information on iCloud can be found on Apple's site or on the site below:

[iCloud - Learn about it](#)

Cost for iCloud

10 GB - \$20 a year

20 GB - \$40 a year

## **Comparison Chart of Cloud Storage Systems**

For a comparison of 12 different "cloud" storage systems check out the following site:

<http://online-storage-service-review.toptenreviews.com/index.html>

*Chapter 2*

# Educational Apps

# Educational Apps

## Apps At The iTunes Store or Volume Purchase Store

If purchasing 20 or more apps through the volume purchase program through Apple, the apps are half price. For more information click on the link below.

<http://www.apple.com/itunes/education/>

### Science

**Frog Dissection** - \$3.99 - Green alternative to teaching dissection. Exceptional app for Middle School students. Do everything on the iPad, without the mess. See it to believe it.

### Astronomy

**Astronomy Star Walk** - \$4.99 - Star Walk enables you to point your iPad at the sky and see what stars, constellations, and satellites you are looking at in real-time.

**SkyWalk** - \$2.99 - presents 3D models of the most well-known man-made satellites like ISS, Hubble, Suzaku, Envisat, and others together with breathtaking impressions of flying over the Earth on the satellite.

**SkySafari 3** - \$2.99 - The basic version of SkySafari 3 shows you 120,000 stars, plus 220 of the best-known star clusters, nebulae, and galaxies in the sky. It displays the Solar System's major planets and moons using NASA spacecraft imagery, and includes the best-known 20 asteroids and comets.

**SkySafari 3 Plus** - \$14.99 and **SkySafari 3 Pro** - \$59.99 - These apps you can use to control your telescope. Awesome!

### Geography

**Google Earth** - Free - Navigate the world with a swipe of your finger. Swipe with two fingers to adjust your view to see mountainous terrain. For Android, iPads, Blackberry, etc.

**Globe** - Free - a Geography app which shows the countries of the world on a 3D globe - you can manipulate the globe with the normal iPad gestures — drag your finger or use a rotate gesture to rotate the globe; pinch to zoom in and out.

**The World By National Geographic** - \$3.00 - The World by National Geographic provides one-touch access to locations worldwide. This multi-dimensional app takes National Geographic's award-winning cartography to a new level! Grab hold of the ultra-interactive globe and spin, rotate, zoom, and select to begin your exploration then tell friends about your favorite world views through the app's share features.

## PreK - KG Apps

**Intro To Letters** - \$4.99 - This is the best app I have seen for students first learning to say their letters or how to write their letters. Students can say and record the sound of the letters. What fun to watch their faces when they first hear their voice! Utilizes consonants and vowels and fine motor skills. Plus, phonograms writing and pronunciation. (KG grandson loves this one!)

**Intro to Math** - \$4.99 - Read and write and understand numbers 0-9. Sequence, order and spatial relationships. Introduction to Odd and Even. Problem solving skills. Fine motor skills.

## Productivity Apps

**Pages** - comes with iWork Suite (Pages, Keynote and Numbers) - \$10 each (Pages is a simple word processor, but will also do many types of newsletters. It will also open Word documents. Numbers is like Excel and will open Excel spreadsheets. It will also show bar graphs, etc. on the iPad, iPhone, etc. Keynote is like PowerPoint. If opening an original PP in Keynote, your background colors can be different. Also, line graphs did not appear correctly, with data. However, if the PP were brought into the desktop app Keynote, and you built it in Keynote originally, all line graphs and data were there.)

**Documents To Go** - \$9.99 or \$16.99 for Premium (They do have a trial version: <http://www.dataviz.com/downloads/index.html>) Supports Android and other mobile devices.

**QuickOffice Pro** - \$19.99 - Supports Android Smartphones, Tablets, Symbian

**Filemaker Go** - Database app - \$39

**GoodReader** - PDF Reader - \$4.99 (**ezPDF Reader** for Android)

## McGraw-Hill Apps

McGraw Hill Apps can be located at the following link: (These were free in April 2010.

<http://www.tuaw.com/2011/04/15/select-mcgraw-hill-educational-apps-for-iphoneand-ipad-free-unt/>

**Addition**  
**Multiplication**  
**Divisibility**  
**Top-It**  
**Number**  
**Tric-Trac**

**1-6 Facts**  
**eFlashEnglish**  
**eFlash 2**  
**eFlashcards**  
**Fraction**  
**Squeeze**

## Free Apps (Many cross platform)

**Simplenote** - if you just want a simple pad to type things on. (<http://www.simplenoteapp.com/downloads/>) (Apps for Android, etc.)

**Evernote** - helps you remember everything. From notes, to ideas to recordings. It will synchronize to iPhone, iPod, iPad to your Mac or Windows desktop. Android, Blackberry.

**Dragon Dictation** (Free) - Best app out there! Doesn't take long to train it & you can quickly dictate a note or whatever. Dictate a text message and send as sms message on your iPhone. Cross platform. **Five \*\*\*\*\***

**Record Free** - records voice memos, lectures, to-do lists - anything you want. There is also a Recorder Pro for \$.99

**Doodle Buddy** - Free - Paint, draw, sketch, scribble. Great App for finger painting!

**DropBox** - Cloud storage - Free - drag, drop, and sync with other mobile devices.

**iTranslate** - Free - translate words, phrases and whole sentences into 50 languages.

**Idea Sketch** - mind mapping tool, concept map, or flow chart. Convert to text outline or visa-versa.

**Jumbo Calculator** (Free, but there are plenty other calculators if you wish to find another.)

**Nightstand** (Free - Alarm Clock - many more in the App store)

**AIM** - Social networking

**Skype** - Call, video call, and instant message anyone else on Skype - for free.

**iBooks** (tons of Free books at <http://www.gutenberg.org>. All the old classics.)

**Free Books** - Just what it says. All free books. Mostly classics.

**Kindle** - Free App that allows you to read any books you might buy from Amazon for the Kindle.

**WeatherBug** (Free)

**Doodle Pad Free** OR **Doodle Pad HD** (which allows you to save the paintings - \$.99, but was 50% off)

**Epicurious** - Free recipes and has shopping list, etc.

**New York Times**  
**Wall Street Journal**  
**CBS News**

**USA Today**  
**CNN**  
**U.S. News Weekly**

**ABC News**  
**FOX News**  
**NBC Nightly News**

**Find My iPad** - Protect your iPad, iPhone, iPod with simple or more difficult password. If lost, use the app **Find My iPad** on your computer or other device and it will search for it.

## **Apps for Creative People**

**GarageBand** - \$4.99 - Create your own music using the touch guitar, piano, drums, etc. This is what creativity is all about!

**iMovie** - \$4.99 - If you've worked with iMovie previously, it's a great way to show off a quick movie of students or whatever. Easy to use!

**Virtuoso Piano Free 2 HD** - Free - Grand piano - Learn the basics of music.

**iShred** - \$2.99 - Electric guitar - Amazing things performed on this. Create your own songs.

**Doodle Pad HD** - \$.99 - Illustrate ideas, paint, save to photo album.

**Doodle Buddy** - Free - Great app for kids to create their own drawings. Just shake to erase.

**Drawing Pad** - \$1.99 - This is one of the greatest drawing apps. Fun for everyone! Use stickers or draw. Create your own house, farm, whatever you imagination desires. \*\*\*\*\*

**Brushes** - \$7.99 - This has been used by Pros to create 4 different New Yorker covers.  
\*\*\*\*\*

**Sketchbook Express** - Free - Limited version of Sketchbook Pro, but enough to get you started if you like drawing.

**Sketchbook Pro** - \$4.99 - Professional app for those who want a little more from a doodle pad or illustrator.

**Android Apps site:** - <http://www.pcworld.com/appguide/index.html?platform=2&page=2>

## **Educational Tools**

**Dictionary** - Built-in dictionary on the iPad. Touch and hold your finger over the word, select it, select definition and it shows the definition without exiting the document or app.

**iResponse Utility** - The iResponse Utility component allows an instructor to test his/her students' comprehension at any point during the teaching session. The instructor may develop questions on their desktop computer at any point in the teaching session and then immediately transmit the questions directly to the students' iPhone/iPod touch/iPad devices.

**iResponse Application** - Works in conjunction with iResponse Utility - for student.

**Google Docs** - Google Docs provides a free way to collect responses called Forms. The teacher creates a questionnaire for students to complete. Questions can be multiple choice, true/false, short answer, essay, or a scale. Once the form is completed, Google provides a very long URL that is much too long for anyone to manually type. So, forms can be linked from or embedded in a class web page.

## **Challenging and Educational Games**

**Blokus HD** - \$2.99 - Challenge your brain with this strategy app! If you have ever played this board game, you will love it on the iPad. Also a **Blokus Free**.

**Game of Life** - Classic version - \$ .99 - Everyone loves the **Game of Life**.

**HD UNO** - Free or **UNO Games** - \$ .99 - Single or Multiple player mode. (**Blackberry, Nokia, Android.**)

**Scrabble HD** - \$9.99 - Another fun family game. This is not only fun, but a challenge to continue to build your vocabulary. (**Scrobble** for Windows Mobile).

**iKrypto** - Free or **iKrypto HD** - \$ .99 - This is a great game to stimulate your brain. Feeling a bit sluggish and tired? I challenge you to pull up this game of addition, subtraction, multiplication and division and not feel more alive once you finish! I used to play this years ago, so was delighted to find it for the iPad!

## **Read / Dictionary**

**iBook** - Free

**Kindle** - Free - Read all your Kindle books on the iPad

**Project Gutenberg** - Free - Classical books - download to your iBooks Library

**Audible app** - Free app (Books are purchased online)

**Read the news online with your iPad, iPhone, iPod.**

## **Educational Resources**

**Math Apps** - <http://appsineducation.blogspot.com/p/math-ipad-apps.html>

**Assessment Apps** - <http://appsineducation.blogspot.com/p/math-ipad-apps.html>

**Storytelling in the Classroom** - <http://appsineducation.blogspot.com/2011/06/12-ipad-apps-for-storytelling-in.html>

**Apps for Children with Special Needs** - <http://a4cwsn.com/>

**Top Charts - iPad - United States - Education**

<http://www.khanacademy.org/> - **One of the best resources available**

<http://sites.google.com/site/schrockipad/> - **Fantastic site!**

<http://www.edutopia.org/blog/ipad-apps-elementary-blooms-taxonomy-dianedarrow>

<http://www.hongkiat.com/blog/useful-ipad-apps-for-business-presentation/>

<http://www.eastersealstech.com/content.aspx?pId=554> - **Assistive Technology Apps**

Chapter 3

# Education & Business

# Education and Business

## Remote Control PC Apps

**Desktop Connect** - \$14.99 - View and Control Mac, Windows, Linux. Offers VNC and Microsoft Remote Desktop. (Uses gmail login account or Wi-Fi / local network). Connect to your computer at home or work, from afar! Quick response. **Five \*\*\*\*\***

**iTeleport** - \$24.99 - Remotely control your Mac, Windows, & Linux computers. Control your PC up close, or half way around the world.

**Splashtop** - \$4.99 - Streams video or audio from your PC or Mac. (For iPad, Android tablets, WebOS phones, Windows PC or tablets.) Access over Wi-Fi or 3G/4G network.

**Parallels** - \$4.99 - Control your Mac and launch Parallel's Windows 7 on your Mac and remotely start / stop any application. (Windows 7 Aero not supported.) Stay connected via Wi-Fi or 3G network. Copy and paste text between mobile device and Windows programs. (Need Parallel's Desktop 7.) **Five \*\*\*\*\***

**Air Display** - \$9.99 - Not enough screen space? Extend your PC desktop to your iPad. Drag calendar, mail, etc. to iPad to view it separately. Use it on both Mac and Windows. You can also connect iPad2 wirelessly to TV using Air Display. Draw on iPad, which displays on computer screen or projected screen.

## Remote Presentation Apps

**2screens Presentation Expert** - acts as a whiteboard; can grab documents, etc from your DropBox, SugarSync or MobileMe account to present onscreen. \$4.99 (Use with iPad - 1st generation, to project your iPad presentation).

**Infonet Present** - you have to add files to the library via iTunes or grab files you save in DropBox or Box.net, then login to either of these cloud storage places, grab the app, and download it to your infonet Library. This was the only thing they had that was decent when the 1st gen iPad came out in August 2010. \$4.99

**GoDocs** - grants access to Google Docs. Share Word and Excel files. \$4.99

**Idea Boards** (in it's infancy) - Offers whiteboard, chalkboard, graph paper and legal pad. Can't move or erase, but they promise more functionality coming. \$1.99

**Corkulous** - an electronic corkboard for stickies, photos, to-dos. Stores multiple cork boards and nesting ability. \$4.99

**Power Presenter** - Save PP to PDF file and will detect the projector through VGA cable. \$1.99

**Sadun's Whiteboard** - transform iPad into a presentation screen. Draw directly to an external screen using standard whiteboard markers and erasers. - \$2.99

**Analytics HD** - See charts and reports like you've never seen before and share them in a meeting with full screen charts. - \$6.99

**OmniGraphSketcher** - Use this app to make precise graphs in seconds to explain a concept, etc. - \$14.99

**iThoughtsHD** (- Free/Paid App) - Mind-mapping tool to visually organize your thoughts, ideas and information. - \$9.99 - Excellent tool! **Five \*\*\*\*\***

**iMeetingPad** - Connects to a projector. As an aside can wake dozing colleagues with a cock crow! - \$3.99

**SketchyPad** - Make mock-up web sites, meetings with various stencils. - \$4.99

**Penultimate** - handwriting notepad if that's what you like to do in meetings. Write with finger or stylus. \$1.99

**QuickOffice Pro HD** - Another suite that allows you to view and project Excel, PowerPoint and Word docs. Also create and export docs. **Does not support bar graphs, etc.** \$19.99

**Documents To Go** (\$9.99) or **Documents to Go Premium** (\$16.99) - Another office suite where you can view, edit and sync Word and Excel. Premium version allows you to create and edit PowerPoint. You can View PDF, iWork, Text, .RTF files, etc. (Use with all mobile devices. See list here: <http://www.dataviz.com/products/documentstogo/>) **Does not support bar graphs, etc.** as of September 2011.

**Conference Pad** - \$4.99 - Project your presentation on up to 15 other mobile devices (receivers need conference pad). Android, Windows & X Box.

**WebPad Lite** - Free - Enables you to sketch and draw over the internet by sending URL to others. Or WebPad - \$4.99

**Meeting On-The-Go Apps** - Gone from the office? No problem. Meeting apps available.

**GoToMeeting** - Free - (Android platform support)

**WebEx** - Free - (Smartphone, iPad, iPhone support)

**Adobe Connect Mobile** - Free - (Mobile device support)

**LogMeIn Ignition** - \$14.99 - (Ignition for Android, Ignition for Windows)

## Finance

**e\*TRADE Mobile Pro** - Free - Watch the stock market whenever you are so inclined. (Or, trade anytime, anywhere.) Many more out there! (Available for Blackberry, Android, etc.)

**Bloomberg for iPad** - Free - offers news, stock quotes, company descriptions, market leaders/laggers, price charts, market trends analysis, and more. (Available for Android, Nokia, iPhone, etc.)

**CNBC Real-Time** - Free - delivers Real-Time quotes before, during and after market hours (4am-8pm)...direct from the NYSE and NASDAQ, Real-Time & Historical Interactive Charts, offering custom timeframes from one day to 5 years, including pre & post market trading. (Available for Android, Blackberry, Palm, iPhone, iPad, and iPod.)

**Fox Business for iPad** - Free - Stay connected to the business world wherever you are with FOX Business for iPad. Get the latest financial news and market updates. Track your stocks in My Money, stay on top of the markets with the FOX Business Minute, compare stocks' performances, and more! (Android, Blackberry, iPad.)

**Portfolia Mobile** - \$2.99 - Portfolio mobile brings you the tools you need to track your investments on the go and at home. With real-time quotes, technical charting, performance analysis and more, Portfolio mobile is your portfolio management solution. You can find it [here](#).

Chapter 4

# Diverse Uses for iPad

# Diverse Apps for the iPad

## Practical Uses

**Read a book / Built-in Dictionary**

**Dictate Letters and notes**

**Create & Listen to Music**

**Calendar - Track Daily Appointments**

**Read Email**

**Surf The Internet**

**Create Movies & Watch Movies**

**Play Challenging Games (Blockus - Scrabble - Uno)**

\*\*\* After working with many of the apps I have listed, I thought it best to make a few observations. The first thing is to mention the lack of graphs support in **QuickOffice HD** and **Documents To Go**. Documents To Go would be THE app for everything, if it supported graphs. The only app I have found so far that works with Excel graphs and charts is **Numbers**. I have also put in a feature request to DataViz to add support for bar graphs, etc.

As I was testing other apps, I tried different pdf readers. GoodReader and iAnnotate were the best. However, as I was working with these two pdf apps, I found they would not do forms. I went looking again and found **PDF Expert**. This allows you to create a form pdf file. You will find each have their own use.

Another valuable tool is **iThoughtsHD**. Oftentimes I find the thoughts getting away from me and I become easily side-tracked. This is where iThoughtsHD came in handy to mind-map my ideas. I could easily toss out the ideas I wanted to discuss about the iPad, organize them and add my notes. I found it to be one of the greatest tools when organizing for a presentation. I am also looking at one for my desktop, NovaMind. Mind-mapping is a fantastic way to focus your thoughts.

I looked at different business card apps that will scan them and add to your contacts. I have yet to find the “right” one.

For printing I use Printopia or PrintCentral. If you use a Kyocera printer, you can download Capture2go and your Kyocera printer will scan a document and bring into your iPad. Another savings of “going **green**”.

Chapter 5

# Projecting using the iPad

# Project to a Screen or TV Using The iPad

## Hardware and Software for iPad (1st Generation)

- 1) **Apple VGA Adapter** - \$29
- 2) **iPad** (1st generation)
- 3) **VGA cable** to connect out from Apple VGA dongle and projector. (\$15 - \$20, depending on length. You can pick them up anywhere. (Male to Male)

Specific apps for the iPad that allow you to project out from your iPad (1st Gen) are listed under Remote Presentation Apps, **Page 20**. All Apps can be found in the iTunes store.

## Hardware for iPad2

- 1) **Apple VGA Adapter** - \$29
- 2) **iPad2**
- 3) **VGA cable** to connect out from the Apple VGA dongle and into projector. I think the cable would be a male to male VGA cable.
- 4) **Mini to mini stereo cable** to connect from iPad2 to VGA projector. This will allow you to mirror anything on your iPad2 to the screen or TV. You **DO NOT** need special apps to mirror your iPad2 as you did with the 1st Gen iPad.

**OR** - Depending on type of Projector

- 1) **Apple Digital AV Adapter** - \$39
- 2) **iPad2**
- 3) **HDMI cable** to connect out from the Apple Digital AV Adapter dongle to the projector. Anywhere from \$20 - \$40, depending on length of cable. If it is a VGA Projector, you will also need a:
- 4) **HDMI to VGA converter box** to connect to VGA projector (link below) \$39.95

<http://www.wowparts.com/store/products/021904-00150.html>

Chapter 6

# Miscellaneous

## Miscellaneous

### Creating an iTunes App Store account without a credit card

To create an iTunes App Store account without a credit card please follow the steps below. In order to create an account without a credit card, you must make sure you are in the App Store, not the iTunes Store.

Products Affected: iPhone, iTunes 9, iPod touch, iTunes Store, iPad

Creating an account on a computer

1. If you already have an account, open iTunes. From the menu bar choose Store > Sign Out
2. Click iTunes Store (on the left side of the iTunes window) and pick your country by clicking the appropriate country flag located in the bottom-right corner of the main iTunes Store page.
3. Navigate to the App Store by clicking on App Store from the top navigation bar.
4. Important: Before proceeding to the next step, you must download and install a free app. To find a free app, navigate to the Top Charts column on the right hand side of the App Store window. Scroll down until you can see the list of Free Apps. Select any app by clicking on it, then click Free App underneath the app icon.
5. In the pop-up window, click Create New Account.
6. You are directed to the "Welcome to the iTunes Store" screen. Click Continue.
7. You'll need to read and agree to the iTunes Store Terms & Conditions. Make sure you check the box next to where it says "I have read and agree to the iTunes Terms and Conditions."
8. Click Continue.
9. Enter your email address, create your password, continue to create and answer your security question, then enter your birthday. Click Continue.
10. Select None as the payment option.
11. Continue to fill out the required name and address fields.
12. You'll then see a screen that says 'Verify your Account'. Click Done and then check your email for a verification email from iTunes Store.
13. Open the email and click the link enclosed in the email to activate your account.
14. Once you click on the link, iTunes should then prompt you to sign in with your account name and password.
15. You'll then see the below "Congratulations" screen. Click Done to be taken to the App Store.

## **Clouds and Mobile Devices in Business Offices and Education**

When you look at the cover of this document, what exactly do you see? To some it will just be a collage of pictures of various clouds. To others it could be viewing the world of diversity. This is what our educational system is all about. Diversity and every-changing, just as the clouds.

Everyone knows that one can often look at the clouds and tell what kind of weather is expected. On a day by day basis you can observe a cumulus cloud, but are they ever the exact same?

This is how I relate technology tools to ones own needs in our business or educational world. Could a mobile device meet everyone's needs? If you are considering something for your business office, ask yourself, "What do I want to do with it"?

I like to explore and test different avenues. Once I had my hands on the first iPad I quickly found out it could be a fantastic tool for others. They just needed to know how to use it.

I used it daily for meeting notes, keeping on top of email when away from the computer, keeping my calendar in sync with my computer. Searching for answers when I was in a building and someone asked a question I didn't know off-hand. Taking control of my laptop when away from the office to find a document someone needed. Finding out the name of that bright star in the sky. It is portable and mobile enough, it doesn't take much to carry it around.

Eventually I filled up the iPad and after removing every app that was NOT needed, I had about a gig left for new apps to test. Once the iPad2 came out, more developers came on board and apps were perfected. The educational field erupted with some fantastic, hands-on apps for students. It was just a matter of wading through all the apps (good and bad) and finding suitable ones for everyone. Now there are other viable tablets and mobile devices out there. The iPad, etc. have many more apps, or so it seems.

I truly believe that what makes these mobile learning tools so valuable is the fact that they are such a diverse device. There is NOT just ONE thing for everyone, there is SOMETHING for all. As technology advances, it is becoming limitless; which you see all too well with the iPad2. The difference between the iPad (1st gen) and iPad2 is huge. The gap will soon widen when IOS 5 comes out.

So, what does one do when technology changes so rapidly? We have all been asked "Where can we cut costs"? Unfortunately, we are still looking for answers, and trying a few "other" things.

However, I still maintain that one must look "outside of the box" when it comes to technology in education, whether you work in the business office, are support staff, teachers, or students. Don't let yourself get behind. Keep current. Look at things differently and test the waters. Technology advancement is not going to stop.

Ask yourself these questions:

- Where do I see our district in 5 years?

- Do our teachers and staff depend on older equipment and ways of doing things because they are comfortable and don't want to give it up?
- Am I keeping myself updated, or am I so comfortable with what I'm doing I don't wish to change?
- Can I foresee alternatives to text books, or see the future when physical books are no longer? (It is happening now.)
- Is there a way I could print less and "go green"? (A huge cost-saving for districts, but it's a new way of testing the waters, and not as simple as one thinks. It can be done!)
- Could mobile devices, along with cloud syncing, be useful to our district? (Go Green!)
- Does our network have enough bandwidth to allow the changes in technology? (You will be surprised how many **DO NOT** have enough bandwidth.)
- Will this huge growth in technology never be an issue? (I think we all know the answer to this question.)

If considering mobile devices, begin small. See how it will work in one department. Truthfully, it's not the teachers that would make it work, it's the students. Remember, those students are like the clouds. Varying and ever-changing.

The iPad will not replace a power user's computer, but it can certainly help you learn a new way

Please feel free to contact me if you have questions. I will be more than happy to help.

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## Cost for Basic Apps in the Business World

Pages \$10

Numbers \$10

Keynote \$10

GoodReader - \$4.99

**Total - \$35.00**

Or - Documents to Go Premium \$16.99

GoodReader \$4.99

**Total - \$22.00**

Majority of other apps you can get free. However, even though there are apps out there to control a computer or laptop for free, there are limitations to what it can do. **LogMeIn**, **Desktop Connect**, and **Parallel's** are the best PC control apps I have found. **LogMeIn** works on all sorts of mobile devices. As does **GoodReader** and **Documents To Go**.

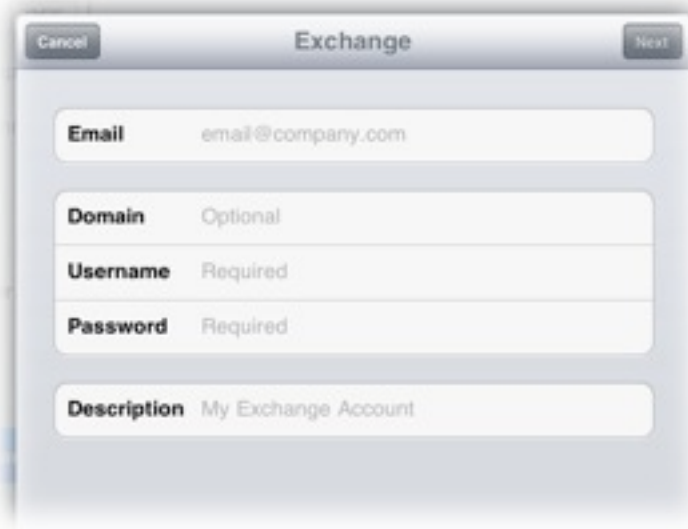
## Cost of iPad

I checked prices for some tablets, but did not get educational prices. There are many options. For the iPad, this is Apple's educational prices.

Items you have selected	Part No.	Est Ship	Qty	Unit Price	Est. Price
iPad 2 with Wi-Fi 16GB - Black	MC769LL/A	3-5 business days	1 Remove	\$499.00	\$499.00
AppleCare Protection Plan for iPad - Auto-enroll	S3788LL/A	In Stock	1 Remove	\$79.00	\$79.00
iPad 2 16GB with Wi-Fi - Black (10-pack) with AppleCare Protection Plan	BC704LL/A	3-5 business days	1 Remove	\$5,380.00	\$5,380.00
iPad 2 32GB with Wi-Fi - Black (10-pack) with AppleCare Protection Plan	BC705LL/A	3-5 business days	1 Remove	\$6,380.00	\$6,380.00

## Setting up K12 State Email Address

Go to **Settings** on the iPad and Highlight Mail, Contacts, Calendars. To the right, click on **Add Account**. Select **Microsoft Exchange**. You should have a screen like the following screen that says Exchange:



The screenshot shows the 'Exchange' setup screen on an iPad. At the top, there are 'Cancel' and 'Next' buttons. The screen contains several input fields: 'Email' with the placeholder 'email@company.com', 'Domain' with 'Optional', 'Username' with 'Required', 'Password' with 'Required', and 'Description' with 'My Exchange Account'.

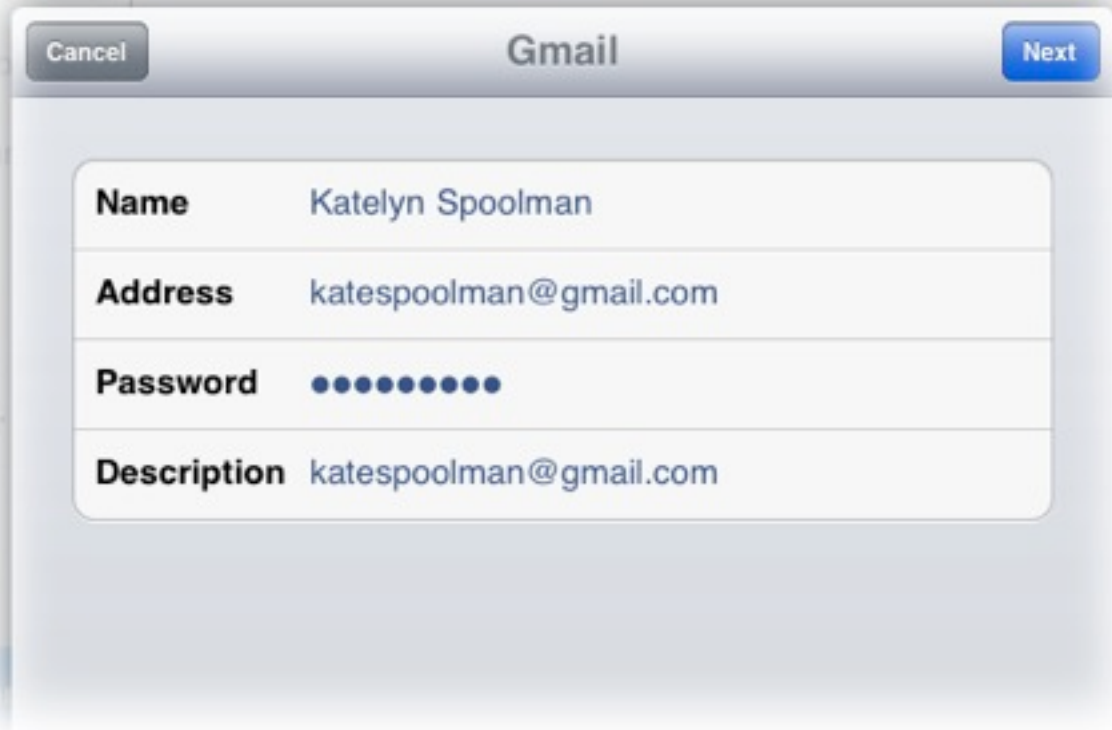
Type in your information similar to how I have set up mine. Once you click the **Next** button, it will verify your email and password is correct. If it is, it will fill in the server name **mail.sd.gov**. Click on **Next** again and then hit **Save**. Test it by sending yourself an email.



The screenshot shows the 'Exchange' setup screen after verification. The 'Email' field now contains 'Nancy.Spoolman@k12.sd.us'. The 'Domain' field is 'Optional'. The 'Username' field contains 'Nancy.Spoolman@k12.sd.us'. The 'Password' field is filled with 12 dots. The 'Description' field contains 'State Email'. The 'Next' button at the top right is now highlighted in blue.

## Setting up Gmail Email Address

Click on **Settings** again. **Mail, Contacts, Calendars**. To the right choose **GMail**. Fill in the information as I have done in the following picture, using your credentials for your Gmail account. Click on the button **Next**. It will verify your email and password. In the next window, click on Save. Everything else is automatically saved. That's all there is to it.



**Once again, if you have questions, please do not hesitate to contact me.**

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